

LEVELED Math Questions

No matter what level your student is currently on, help guide him/her by using these questions:

CHECK FOR ACCURACY

You **KNOW** the student understands

1. Would that work if you didn't use that method?
2. Can you create and solve a problem similar to this one?
3. Can you make a model to show that?
4. Can you use a different method to show your thinking?

CHECK FOR UNDERSTANDING

You **THINK** the student may be confused

1. What do you need to find out?
2. How would you describe this problem in your own words?
3. What pieces of this problem make sense and which pieces are you confused by?
4. Could you try this with simpler numbers?
5. Have you tried blocks or pictures?

GIVING CLARITY

You **KNOW** the student is confused

1. Which words are important?
2. Where do you think we should start?
3. What is the goal of this problem?
4. Can you explain the steps you think we should take?
5. How can your group members help you? Drawing it? Talking it out?

PROVE IT Questions

Ok, so your student got an answer – ask these questions to push his/her thinking:

Can you explain that?

What is the support for your thinking?

What are the mathematical concepts here?

How can you prove that...?

Can you give evidence that supports that?

What are some big ideas shown here?

Make that more clear to me.

Tell me how you arrived at that conclusion.

Why would you do that?

What did you do to find yourself doing that?

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